Provincial Scope Document

AUTOBODY COLLISION REPAIR (Secondary 2021)

Contest Length: 6.5 hours
Check in time: 7:30
Contest Start: 8:30

Contest Sponsor:

3M, Color Compass Corporation, Seattle Tools, Lincoln Electric, LKQ

Purpose of the Challenge:

Assess the contestant's skills in performing various auto body repair tasks.

Skills & Knowledge to be tested:

1. Sheet Metal Repair Project.
2. Plastics Repair
3. Frame Measuring and Damage Analysis.
4. MIG Welding Competition

Equipment / Tools / Supplies / Clothing:

Provided by the organization:

- 110-volt power supply
- Compressed air and air control unit
- Air tools, hoses and connections
- MIG welding unit
- Work bench
- Protective equipment other than individual protective gear (dust masks, charcoal respirators, coveralls, welding masks, face shields, disposable latex gloves)
- Welding helmet
- Assortment of vice grips
- Tape measure in both metric and imperial at least 1" wide

- Tram gauges
- 3" or 4" air grinder
- Felt marker / pencil
- Body hammer
- Pick hammer
- Selection of dollies
- Metal file (vixen)
- Block sander
- Cheese grater or surform file
- Board sander
- Utility knife / razor
- Cold chisel
- Nose cutter pliers
- Heat gun

Provided by the competitor:

- CSA approved steel toe boots or shoes

Safety Requirements:

Safety awareness/requirements will be maintained at the minimum industry standards at all times. A contestant will not be allowed to compete without the safety equipment noted on this scope document.

Point Breakdown / 1000 Total:

Sheet Metal Repair	**300**
MIG Welding	**200**
Plastics Repair	**200**
Frame Measuring and Damage Analysis	**200**
Total	**900**

Technical Committee:

Rory Morrison	rory@reflectionstruckbody.com	Provincial Technical Chair (shared)
David Cross	dcross@vcc.ca	Provincial Technical Chair (shared)

Gold medal winners at the BC Skills Competition may be eligible to compete at the Canadian National Skills Competition _____.

Skills Canada BC reserves the right to update contest information. Please check the website for changes.